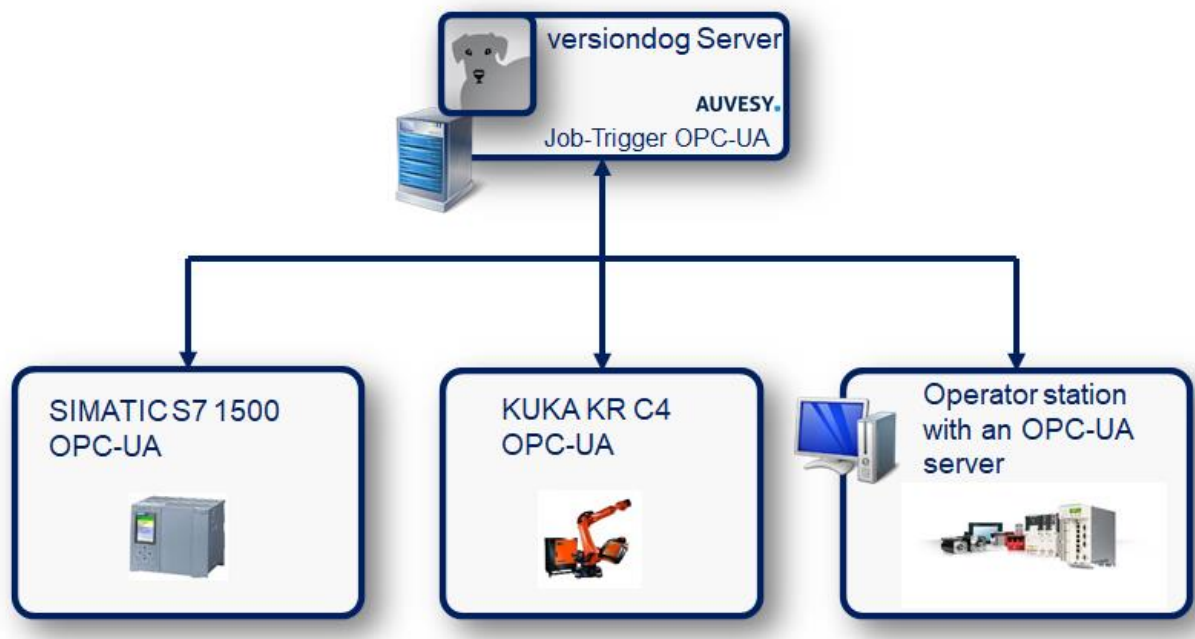


Factsheet

Triggering a job via OPC UA

Job configuration
triggered by a URL



Triggering a job via OPC UA

versiondog – for an efficient production

versiondog is the leading version control and data management software solution for automated production. It makes tracking changes and safeguarding data significantly more efficient.

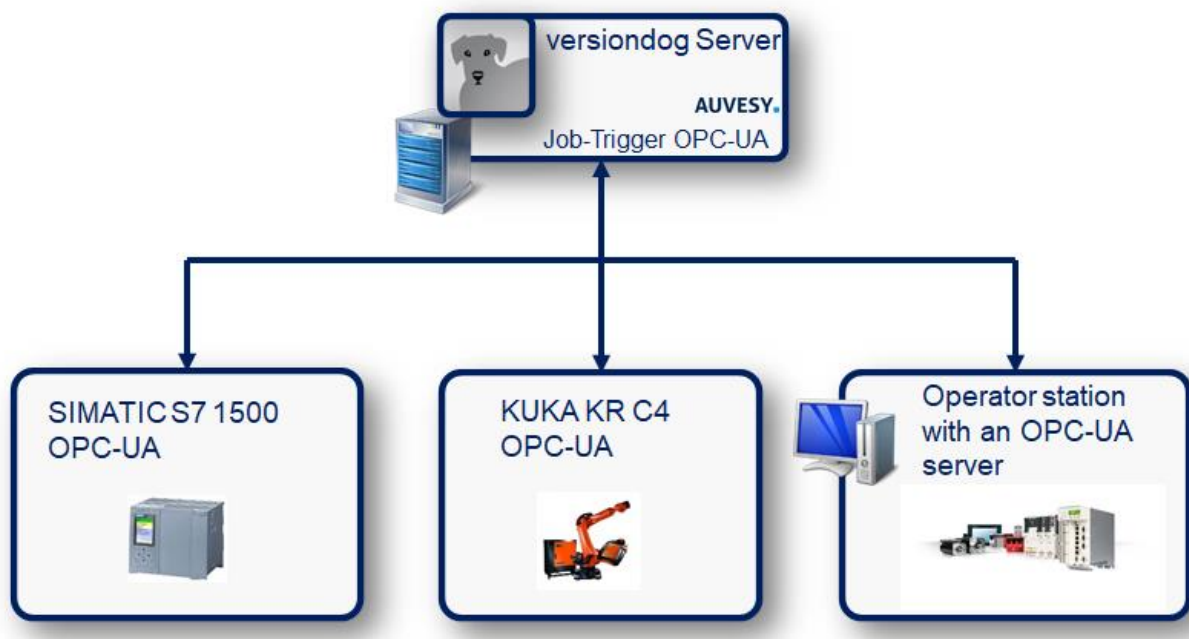
versiondog brings order and clarity where project data needs to be continually changed and made available from a central source. The increased safety, security and certainty provided by this software system quickly results in measurably increased productivity. versiondog makes it easy for you to optimize the interplay between all your different types of robots, controllers, field devices, drives, programming languages, file formats and software applications.

This data management system gives you ultimate data traceability, minimizing your risks and costs, and saving you time and effort.

Triggering a job via OPC UA

Starting with versiondog version 8.0 you have the option to start a backup in the job configuration via a trigger URL. For this purpose, an OPC-UA Client has been integrated into the versiondog Server. This OPC-Client is located on the versiondog server and communicates with an OPC server. This in turn reads the data on the controllers to be backed up cyclically and provides the trigger variables to the versiondog server. The job (backup) is started via the variable from the controller.

Job configuration
triggered by a URL



Triggering a job via OPC UA

The following execution scenarios are possible:

- Via a physical button on site
- After reading certain parameters on a panel
- After changing a tool
- After finishing a project
- After a time cycle
- Before starting a new batch
- After changes to the status in a step chain

Example integration based on a S7-1500

Example configuration of
SIMATIC S7-1500



Job configuration

Upload type: Local directory

Execute: Triggered by URL

General

Job name: Documentation

Component: OPC UA/Documentation

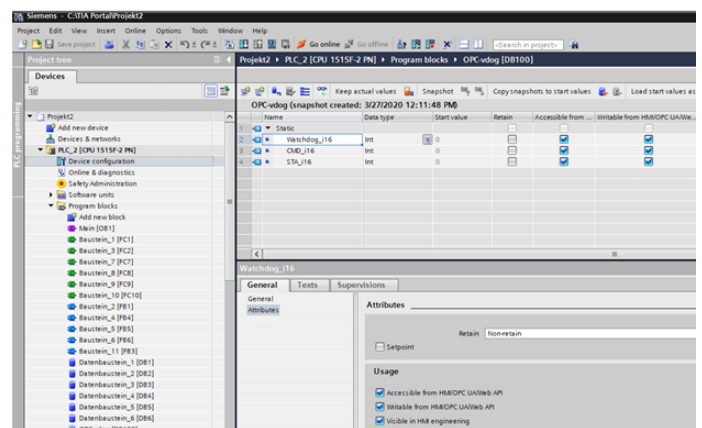
Warn if backup is older than: Never warn

Trigger URL: `opc.tcp://10.0.0.223:4840/Objects/PLC_2/DataBlocksGlobal/OPC-vdog/CMD_j16`

Acknowledge URL: `opc.tcp://10.0.0.223:4840/Objects/PLC_2/DataBlocksGlobal/OPC-vdog/STA_j16`

Username: Username

Password: Password



Triggering a job via OPC UA

Features and functions

The option to start the backup from an external device	✓
The use of industry standard protocol OPC UA with all its high security features	✓

System requirements

versiondog release	8.0 onwards
versiondog Job-Trigger (Add-on)	

More information

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